



## MarinTrust Standard V2

### By-product Fishery Assessment

#### ECU04

### Red-eye Round Herring (*Etrumeus acuminatus*)

### in FAO 87- Southeast Pacific

**MarinTrust Programme**

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**Table 1. Application details and summary of the assessment outcome**

Fishery Under Assessment	Species:	Red-eye round herring/ <i>Sardina redonda</i> ( <i>Etrumeus acuminatus</i> )
	Geographical area:	FAO 87- Southeast Pacific
	Country of origin of the product:	Ecuador
	Stock:	Red-eye round herring/ <i>Sardina redonda</i> in FAO 87- Southeast Pacific
Date	August 2024	
Report Code	ECU04	
Assessor	Ana Elisa Almeida Ayres	
Country of origin of the product - PASS	Ecuador	
Country of origin of the product - FAIL	N/A	

Application details and summary of the assessment outcome			
Company Name(s): Universal de Comercio S.A. Unicorsa, Exu SA, Productos Pesqueros SA Produpes, Lucomercon SA, Manabita de Comercio SA - Mancorsacom, URISA SA			
Country: Ecuador			
Email address:		Applicant Code:	
Certification Body Details			
Name of Certification Body:		NSF / Global Trust Certification Ltd	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/Re-approval
Ana Elisa Almeida Ayres	Léa Lebechnech	0.5	Surveillance 2
Assessment Period	August 2024 – August 2025		

Scope Details	
Main Species	Red-eye round herring/ <i>Sardina redonda</i> ( <i>Etrumeus acuminatus</i> )
Stock	Red-eye round herring/ <i>Sardina redonda</i> in FAO 87- Southeast Pacific
Fishery Location	FAO 87- Southeast Pacific
Management Authority (Country/ State)	Vice-ministry of Aquaculture and Fisheries of Ecuador
Gear Type(s)	Purse seine
Outcome of Assessment	
Peer Review Evaluation	Agree with the assessor's determination
Recommendation	<b>APPROVED</b>

**Table 2. Assessment Determination**

Assessment Determination
<p>If any species is categorised as Endangered or Critically Endangered on Union for Conservation of Nature's Red List of Threatened Species - IUCN's Red List, or if it appears in the Convention on International Trade in Endangered Species of Wild Fauna and Flora - CITES appendices, it cannot be approved for use as Marin Trust raw material. Red-eye round herring (<i>Etrumeus acuminatus</i>) is not categorised as Endangered or Critically Endangered on IUCN's Red List and does not appear in CITES appendices; therefore, Red-eye round herring (<i>Etrumeus acuminatus</i>) is eligible for approval for use as Marin Trust by-product raw material.</p> <p>Fishery removals are included in the stock assessment and it PASSES Clause C1.1. Round herring has presented a biomass above the limit reference point and the maximum sustainable level, thus it PASSES Clause C1.2.</p> <p>Therefore, red-eye round herring (<i>Etrumeus acuminatus</i>) in FAO 87- Southeast Pacific is APPROVED for the production of fishmeal and fish oil under the current MarinTrust v2.3 by-products standard.</p>
Fishery Assessment Peer Review Comments
<p>The assessor correctly classified the red-eye round herring (<i>Etrumeus acuminatus</i>) in FAO 87- Southeast Pacific under category C, as the stock is managed and reference points are defined to assess the stock status against.</p> <p>Fishery removals from the stock are considered in the stock assessment process, and the most recent stock assessment shows that the stock is considered to have a biomass above the limit reference point. Consequently, the fishery passes both clauses C1.1 and C1.2.</p> <p>Therefore, red-eye round herring in FAO 87 (Southeast Pacific) is <b>APPROVED</b> for the production of fishmeal and fish oil under the current MarinTrust V2.3 by-products standards.</p>
Notes for On-site Auditor

## Species Categorisation

**NB:** If any species is categorised as Endangered or Critically Endangered on the IUCN Red List, or if it appears in CITES Appendix 1, it **cannot** be approved for use as a MarinTrust raw material.

### IUCN Red list Category

By-product material from a species listed by IUCN (the International Union for Conservation of Nature) under the Red List for the following categories shall immediately fail the assessment;

- EXTINCT (E) AND EXTINCT IN THE WILD (EW)
- CRITICALLY ENDANGERED (CR) facing an extremely high risk of extinction in the wild.
- ENDANGERED (EN) facing a very high risk of extinction in the wild.

By-product material may be used from the following categories provided that all clauses in the MarinTrust standard are passed.

- VULNERABLE (VU) facing a high risk of extinction in the wild.
- NEAR THREATENED (NT) does not qualify for above now, but is close or is likely to qualify for, a threatened category in the near future.
- LEAST CONCERN (LC) Widespread and abundant.
- DATA DEFICIENT (DD) and NOT EVALUATED (NE)

## Table 3. Species Categorisation Table

Common name	Latin name	Stock	Management	Category	IUCN Red List Category <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Red-eye round herring/ <i>sardina redonda</i>	<i>Etrumeus acuminatus</i>	Red-eye round herring in FAO 87- Southeast Pacific	Yes	C	LC <sup>3</sup>	No

<sup>1</sup> <https://www.iucnredlist.org/>

<sup>2</sup> <https://cites.org/eng/app/appendices.php>

<sup>3</sup> <https://www.iucnredlist.org/species/99167147/143843183>

## CATEGORY C SPECIES

In a by-product assessment, Category C species are those which are subject to a species-specific management regime and are usually targeted species in fisheries for human consumption.

Clause C1 should be completed for each Category C species. If there are no Category C species in the fishery under assessment, this section can be deleted. Where a species fails this Clause, it should be assessed as a Category D species instead.

Species Name		Red-eye round herring/ <i>sardina redonda</i> ( <i>Etrumeus acuminatus</i> )	
C1	Category C Stock Status - Minimum Requirements		
	C1.1	Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.	Pass
	C1.2	The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.	Pass

Clause outcome: Pass

**C1.1 Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.**

For the stock assessment of small pelagic fish in Ecuador, data of size compositions, landings, acoustic cruises and CPUE are analysed through an integrated statistical model of catch at age with data on sizes named MESTOCK. The latest data of catches available in IPIAP website covers 1975-2023 (Figure 1).

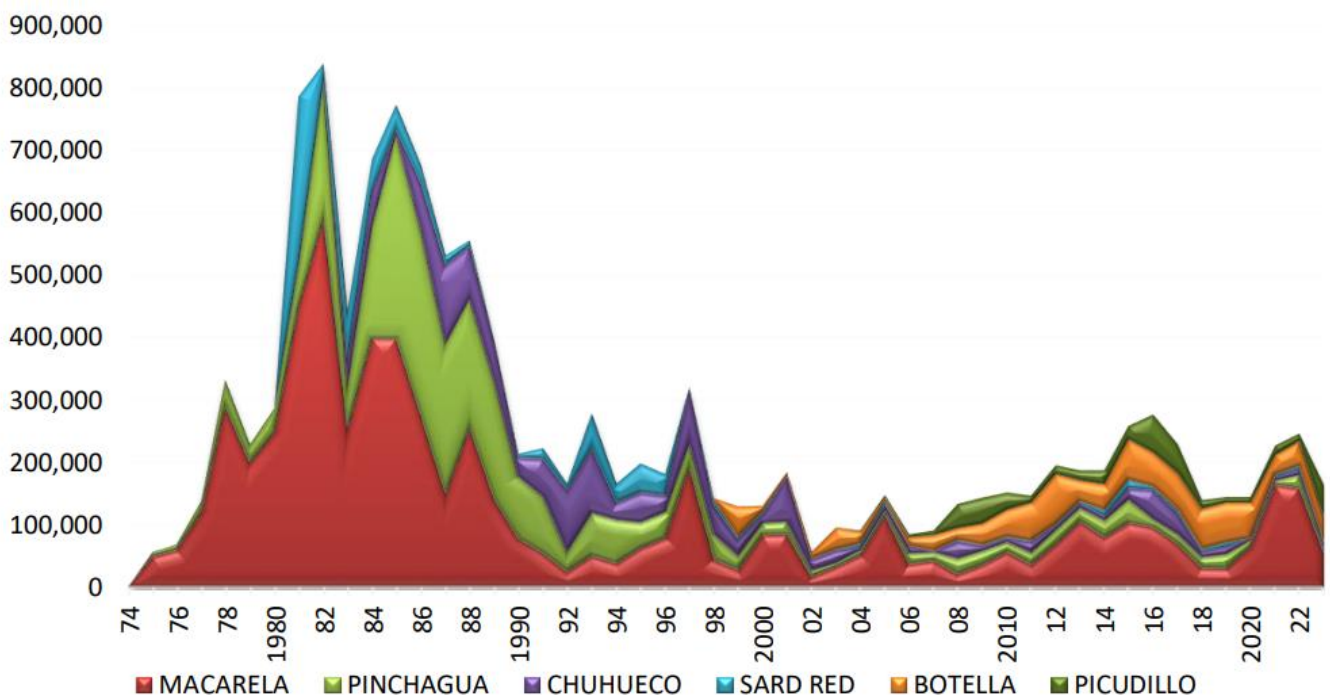


Figure 1. Landings of major small pelagics fish in Ecuador during 1975-2023. Landings of red-eye round herring/*sardina redonda* are represented in blue colour (Canales and Jurado, 2024).

Fishery removals of the species in the fishery under assessment are included in the stock assessment process. C.1.1 is met.

**C1.2** The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.

In the last stock assessment, the adult biomass of red-eye round herring/*sardina redonda* remained above the reproductive potential, being around 77%. The estimated adult biomass is 19 thousand tons, 64% of the virgin biomass and 40% above the target biomass. The average fishing mortality is 90% below the reference, indicating the absence of risks of overfishing and overexploitation (Figure 2) [Canales and Jurado, 2024].

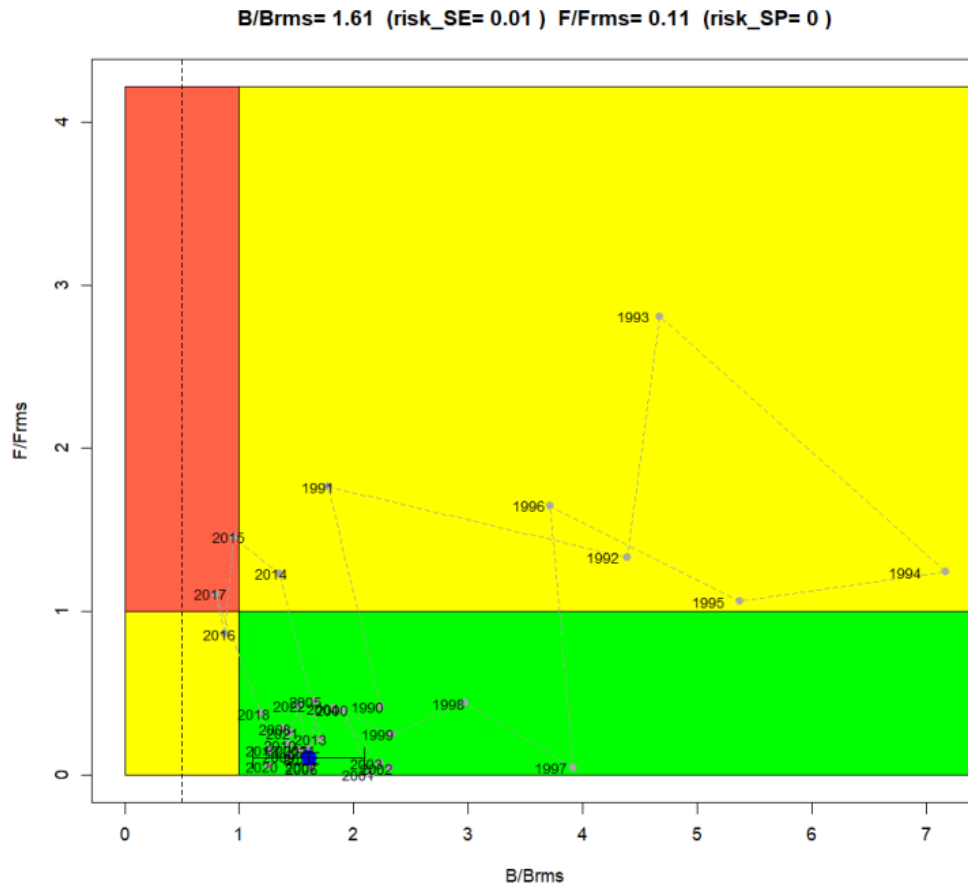


Figure 2. Kobe diagram. The blue circle and error bars represent the current condition of red-eye round herring/*sardina redonda* (Canales and Jurado, 2024).

The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy). **C.1.2 is met.**

**References**

Canales C. M., V. Jurado, 2024. Evaluación del stock de recursos pelágicos pequeños del Ecuador 2023. Informe Técnico IPIAP. Guayaquil, mayo 2024. [https://institutopesca.gob.ec/wp-content/uploads/2024/07/Informe\\_Evaluacion\\_2024.pdf](https://institutopesca.gob.ec/wp-content/uploads/2024/07/Informe_Evaluacion_2024.pdf)

**Links**

<b>MarinTrust Standard clause</b>	1.3.2.2
<b>FAO CCRF</b>	7.5.3
<b>GSSI</b>	D.3.04, D5.01